

ABSTRACT

A heavy-duty flat wiper blade assembly has a wiper element and an extruded metallic frame. The frame has a bottom channel with a slot traversing its length in which the wiper element is maintained. The wiper element extends through the slot and outwardly from the bottom channel to make contact with a surface to be wiped. The frame has a closed upper channel that may include a fluid inlet opening for receiving wiper fluid into the channel and a fluid outlet opening for discharging the wiper fluid from the upper channel onto a surface to be wiped.